THE INDUSTRY'S BEST KEEP GETTING BETTER.

Any other brand is a watered-down compromise.

ED Prime Glass. *ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.*

Elite® 36
Legend® Ultra·HD 38
Excursion® 40
Spacemaster® 42
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Natureview® 46
Trophy® 47
Sentry 48
Sportview® 49
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SPOTTING SCOPES

MAGNIFY TECHNOLOGY

RainGuard® HD water-repellent coating.

Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.

RAINGUARD® HD

THE FINEST SPOTTING SCOPE IN THE WORLD TODAY.

The first look through an Elite® spotting scope is an eye-opening experience. And the world-leading light transmission, clarity and edge-to-edge sharpness aren't hindered by foul weather. Our exclusive new RainGuard® HD anti-fog coating prevents precipitation and even condensation from your own breath or body heat from costing you a view. Its unsurpassed ruggedness is a result of precision craftsmanship, thick rubber armor and our rigorous testing process. For those with uncompromising standards for excellence, there is only one choice in spotting scopes. Elite.

FORGET WHAT YOU'VE SEEN.
NOTHING COMPARES
TO THE WORLD THROUGH AN ELITE.®

ENJOY THE VIEW FROM THE PEAK OF OPTICAL ACHIEVEMENT.

An Elite spotting scope gives you the advantage from the world's high point of brightness, clarity and edge-to-edge detail, whether you're birding at sea level or hunting above timberline. ED Prime Extra-Low Dispersion glass, premium BaK-4 prisms and fully multi-coated lenses deliver flawless color fidelity, ultra-crisp images and optimum light transmission. Waterproof construction and our RainGuard HD coating keep things clear. Save yourself some legwork and start at the top.

MODEL 781548P FEATURES: PC-3® phase coating | BaK-4 prisms | RainGuard® HD | 100% waterproof | Rubber armored | Zoom eyepiece | Protective case

MODEL 780080 AND 788045 FEATURES: ED Prime Extra-Low Dispersion glass | RainGuard HD | 100% waterproof | Armored | 20–60x zoom eyepiece | BaK-4 prisms | Protective case | Retractable sunshade | Camera adaptable (with 780050) | Accessory 22x WA/LER eyepiece available

15–45x 60mm
781548P

One of our most rugged and robust spotting scopes. Compact size for great versatility.

RainGuard® HD. *Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.*

PC-3® Phase Coating. *Our 60mm Elite spotting scope features PC-3 phase-corrected BaK-4 roof prisms with fully multi-coated optics for extra-sharp, extra-bright and brilliant color resolution at the longest ranges.*

ED Prime Glass. *ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions. Featured on Elite models 780080 and 788045.*

80mm Spotting Scope Accessories

Camera Adapter 780050

Adapts digital/film SLR cameras to the Elite 80mm scopes for high quality, long range nature and wildlife photography.[1]

Equivalent Focal Length (w/35mm SLR): 1000mm
Effective Aperture: f/13.3
Approximate Magnification[2]: 20-30x

[1] T-mount adapter ring required to attach camera body
[2] Magnification dependant on digital camera sensor size (APS or Full Frame)

NEW
22x Eyepiece (WA/LER)
782200

Magnification: 22x
Field of View: 133ft / 44.3m
Eye Relief: 40mm

SPOTTING SCOPES

ELITE®

20–60x 80mm

780080

Our finest scope with a straight-thru design.

20–60x 80mm

788045

Our finest scope with a 45 degree eyepiece.

ELITE

Inspired by a combined commitment to heritage and innovation to create the sharpest, clearest and brightest optics available today.

MODEL	MAGNIFI-CATION	OBJECTIVE	PRISM GLASS	RAINGUARD® HD	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	EYE RELIEF
780080	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft.	53 / 1484	17 / 432	Yes	18mm
788045	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft.	53 / 1484	17 / 432	Yes	18mm
781548P	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft.	26.5 / 750	12.2 / 310	Yes	15mm

EVERYTHING
YOU'VE EVER WANTED
IN A SPOTTING SCOPE.

Well, almost everything. Getting a B&C elk or rare bird species in it is your job. But we make the task as easy as possible with bright, razor-sharp imagery and a new, compact 100% waterproof design that excels in the most unforgiving conditions. Built on the same philosophy as our new Legend® Ultra•HD binoculars, the Legend Ultra•HD spotting scope delivers exceptional field performance at a price most avid enthusiasts can afford. The ED Prime Extra-Low Dispersion glass, fully multi-coated optics and premium BaK-4 prisms capture the moment with vivid clarity and contrast, even in low-light conditions. Stacked, dual-focus controls permit you to make both rapid and fine-tuning adjustments. Lenses are protected by our new ultra-effective RainGuard HD for the clearest possible view in the face of foul weather or condensation from your own misguided breath.

FEATURES: ED Prime Extra-Low Dispersion glass | 2-speed dual focus controls | RainGuard® HD water-repellent lens coating | 100% waterproof | BaK-4 prisms | Fully multi-coated optics | Compact porro prism design | Long eye relief | Close focusing | Zoom eyepiece | Soft case and tripod included* | Retractable sunshade | Twist-up eyecups | Rotating tripod mount

WATER PROOF

**786081ED does not include tripod*

NEW
15–45x 60mm 785460ED

Mid-size model covering the popular 15–45x power range, with the clarity of ED glass and dual speed controls for fast and precise focusing.

RainGuard® HD. *Without it, you're not ready. A wet lens or a misguided breath that would fog conventional glass will never cost you a view. This patented, permanent, water-repellent coating causes moisture from rain, snow, sleet or condensation to bead up and scatter less light, so you get a clear, bright view when other optics would be rendered useless.*

ED Prime Glass. *ED Prime Extra-Low Dispersion glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.*

12–36x 50mm 786350ED

A compact variable power companion that cuts big country down to size with bright, clear optics and up to 36x magnification.

SPOTTING SCOPES

LEGEND® ULTRA•HD

12–36x 50mm 786351ED

Our 45° eyepiece models are ideal for wildlife photography with a compact digital camera using our new universal Digiscoping bracket.

Digiscoping Bracket (page 50)

20–60x 80mm 786081ED

Precision optics with a powerful magnification range, wrapped in a waterproof, rubber-armored housing

MODEL	MAGNIFICATION	OBJECTIVE	RAIN-GUARD® HD	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
786350ED	12–36x	50	Yes	Fully Multi	179/59@12x / 90/30@36x	4.2@12x / 1.4@36x	15 ft.	36.3 / 1030	10.5 / 267	Yes	No	17mm
786351ED	12–36x	50	Yes	Fully Multi	179/59@12x / 90/30@36x	4.2@12x / 1.4@36x	15 ft.	36.3 / 1030	9.75 / 248	Yes	No	17mm
785460ED	15–45x	60	Yes	Fully Multi	140/46.6@15x / 63/23@45x	3.7@15x / 1.3@45x	18 ft.	40.4 / 1145	11.1 / 282	Yes	No	20mm
786081ED	20–60x	80	Yes	Fully Multi	110/37@20x / 51/17@60x	4.0@20x / 1.3@60x	25 ft.	76.2 / 2160	16.5 / 419	Yes	No	18mm

VIEW WITH EXTREME PRECISION.

A COMPACT WITH A FULL-SIZE PUNCH.

The ultimate fusion of portability and powerful viewing capability, our waterproof, fogproof Excursion spotting scope features a compact folded light path design and ED Prime Extra-Low Dispersion Fluorite glass. ED glass delivers amazing resolution and color fidelity, and transmits maximum available light. Expect outstanding detailed, color-true viewing from first to last light. And the 15–45x 60mm model is now available in a special Tactical version, with blackout exterior and a precision Mil-Dot reticle for ranging your target distance, at any magnification. For stable viewing, we've included a tripod, plus a soft case that can be left on to protect the scope during use. Also includes a hard case.

FEATURES: Folded lightpath design yields full-size capability in a compact housing | Fully multi-coated optics for maximum brightness | Excellent eye relief | Tactical Mil-Dot reticle model available | Includes tripod and soft case.

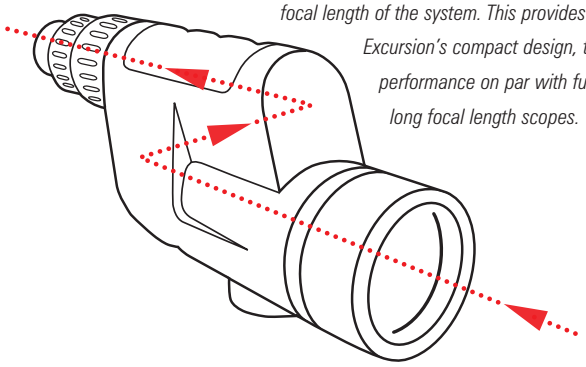
NEW
15–45x 60mm
781569ED

Special tactical version with black-out exterior and first focal plane Mil-Dot reticle.

ED Prime Glass. *ED Prime Extra-Low Dispersion fluorite glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions.*

Waterproof. *Our waterproof products are designed to be air tight and then dry-nitrogen sealed, so moisture stays out – even when they are submerged in water.*

Folded Lightpath System. *A unique optical configuration using lenses and mirrors to create a total scope length much shorter than the actual focal length of the system. This provides the Excursion's compact design, that yields performance on par with full size, long focal length scopes.*



SPOTTING SCOPES

EXCURSION®

20–60x 80mm

782080ED

A brighter image and big-time magnification in a portable size for detailed observation at the longest ranges.

15–45x 60mm

781560ED

The most popular full-size configuration – with full-size optical performance – in a compact package.

MODEL	MAGNIFICATION	OBJECTIVE	RAINGUARD® HD	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781560ED	15–45x	60	No	Fully Multi	176/59@15x / 58/19@45x	4.0/1.3	11	47.2 / 1338	11.7 / 298	Yes	No	20
781569ED	15–45x	60	No	Fully Multi	176/59@15x / 58/19@45x	4.0/1.3	11	47.2 / 1338	11.7 / 298	Yes	No	20
782080ED	20–60x	80	No	Fully Multi	115.5/38.5@20x / 45/15@60x	4.0/1.3	19	70.8 / 2006	13.3 / 338	Yes	No	25

A COLLAPSIBLE SCOPE GUARANTEED TO EXPAND YOUR HORIZONS.

EVERY INTIMATE DETAIL, NO WEIGHTY COMMITMENT.

With a telescoping design that packs down ultra-small, this Spacemaster® is perfect for those restless wandering types looking to see all nature's splendor without the full size and weight of a standard spotting scope. Fully coated optics and a 15–45x zoom range offer an ideal combination of optical performance, versatility and value. The included hard case comes with a "scope glove" for handheld observation and a window mount for steady viewing from your vehicle.

FEATURES: 15–45x zoom plus wide angle 25x eyepiece | Fully coated optics | Long eye relief (14mm) | Rubberized surface finish | Carrying case included

15–45x 50mm

787345

Innovative collapsible design with a convenient 45 degree eyepiece.

The Bushnell® collapsible spotting scope includes an aluminum-framed hard case, a soft case and an exclusive "scope glove" that wraps around your scope for easier hand holding. A window mount is also included for steady viewing from your car.

MODEL	MAGNIFICATION	OBJECTIVE	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPIECES AVAILABLE	EYE RELIEF
787345	15–45x, 25x	50	52/17@45x / 113/38@15x, 110/37@25x	3.3@15x / 1.1@45x / 2.0@25x	11 ft.	22.8 / 646	8 / 203.2	Included (25x)	14mm

SPOTTING SCOPES

SPACEMASTER®

THIS COULD BE THE MOST POPULAR AND RELIABLE SCOPE EVER MADE.

Our standard Spacemaster® spotting scopes have remained essentially unchanged since their introduction over 20 years ago, for a good reason. If you don't already own one yourself, you probably know someone who does. The high performance optics and near-mythical rugged reliability of the Bushnell Spacemaster has made it the ideal choice for anyone that places tough demands on their spotting scope. Continuing the tradition, these scopes are wrapped in thick rubber armor, and packed in a kit with compact tripod and backpack carrying case.

15–45x 60mm

781818 Black Kit
781218AP Camo Kit

All-conditions, all-weather dependability and sharp viewing at a price that won't cut too far into your hunting budget.

FEATURES: Rugged design | 100% waterproof and fogproof | BaK-4 prisms | Fully multi-coated optics | RainGuard® HD | Rubber armored | Redesigned kit packs with top pocket for spotting scope and tripod

WATER PROOF

ZOOM

Durable backpack-style carrying case included.

MODEL	MAGNIFI-CATION	OBJECTIVE	PRISM GLASS	RAIN-GUARD® HD	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781818	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft.	43 / 1219	12.7 / 323	Yes	No	11mm
781218AP	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft.	43 / 1219	12.7 / 323	Yes	No	11mm
781822	20–45x	60	BaK-4	Yes	Fully Multi	90/30@20x / 58/19@45x	3@20x / 1.3@45x	30 ft.	43 / 1219	12.7 / 323	Yes	No	18mm

DISCOVERER®

15–60x 60mm 781700

One of our best values in premium-performance spotting scopes.

VIVID, COLOR-TRUE DETAILS
SURE TO PLEASE
YOUR GREY MATTER.

Even that nagging left side that figures the budget. Our Discoverer spotting scope offers standout optical performance for a price you won't need to think twice about. Focus on the crisp images and impressive light transmission. Premium optics at an affordable price. We'd call it a no-brainer, but we know better.

FEATURES: 15–60x zoom eyepiece | In-line roof prism design | Camera adapter included*

ZOOM

**For SLR film or digital cameras only. T-mount ring required (not included).*

MODEL	MAGNIFI-CATION	OBJECTIVE	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781700	15–60x	60	Multi	150/50@15x / 38/13@60x	4@15x / 1@60x	30 ft.	48.5 / 1373	17.5 / 445	No	No	15mm

SPOTTING SCOPES

IMAGEVIEW®

WE WON'T TELL YOU WHAT A PICTURE'S WORTH.

But capture a moment of perfection and you just may think our ImageView spotting scope is priceless. It's equal parts spotting scope and digital camera, and an instant pardon when you find yourself at a loss for words. The unique design fully integrates the camera with the scope's bright, multi-coated primary optics –once you have the scope focused, just switch over to the camera's 2.5" flip-up color LCD and capture flawless 5MP photos of your subject. The generous 4GB SD card capacity lets you take an entire trip's worth of high resolution digital images or even video clips back home to remember the moments you save.

Actual photo taken with ImageView Spotting Scope

FEATURES: 15–45x zoom eyepiece (22x camera magnification) | 70mm objective lens | Exit Pupil (mm): 4.6 @15x / 1.5 @45x | 5MP Resolution | Switch easily from direct observation via zoom eyepiece to the digital camera's image on the large LCD display | Multi-coated optics Video capable | 2.5" flip-up LCD | 4x digital zoom | SD card slot | USB Port | Includes table tripod, remote shutter cable and soft case | Requires 2 AA batteries

15–45x 70mm 111545

Digital imaging spotting scope with 5 megapixel image capture and flip-up color LCD screen.

MODEL	MAGNIFICATION	OBJECTIVE	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	EYE RELIEF
111545	15–45x	70	Multi	121.5/40.5@15x / 52.6/17.5@45x	4.6@15x / 1.5@45x	26 ft.	25.4 / 711	11.6 / 295	No	11mm

PRECISION-ENGINEERED VERSATILITY.

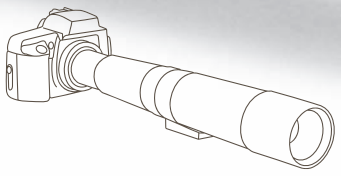
The Natureview will take on virtually any outdoor pursuit – from backyard birding to long-range nature observation. But it's still crafted with our single-minded dedication to superior optical performance. The Natureview features a wide field of view, extra-long eye relief and fully coated optics, so your focus stays sharp. Even if you can't decide where you really want to be.

BUSHNELL BIRDING SERIES

15–45x 60mm

781645

Ultra-compact model with extra-long eye relief and wide field of view.



Camera Adapter

FEATURES: Camera adapter* | Wide field of view | Fully coated optics | Protective rubberized surface

**For SLR film or digital cameras only. T-mount ring required (not included).*

MODEL	MAGNIFI-CATION	OBJECTIVE	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781645	15–45x	60	Fully	150/50@15x / 38/12.7@45x	4@15x / 1.3@45x	30 ft.	29 / 822	14 / 356	No	No	32mm

SPOTTING SCOPES

TROPHY®

15–45x 50mm

781550

Rugged, compact and 100% waterproof for high-country hunting, backpacking and adventure travel. Features a compact tripod and compact carrying case.

20–60x 65mm

782065

Extra power for extra range, this is the ultimate portable, all-weather spotting scope for trophy hunting and birding.

TOUGH, BRIGHT, CLEAR AND BORN TO HUNT.

Sounds like you and the Trophy were made for one another. Our optical masterminds created the ultimate spotting scope for extreme conditions. This rugged, rubber-armored performer is 100% waterproof and magnifies every minute of legal time with premium multi-coated optics. It's tough, bright and ready to go anywhere you are. Looks like you finally found a dependable hunting partner.

WATER PROOF

Our waterproof products are designed to be air tight, so moisture stays out – even when submerged in water.

FEATURES: Porro prism design | Premium multi-coated optics | Zoom magnification up to 60x | 100% waterproof rubber armor construction | Compact tripod | Premium hard-side case | Compact soft-side case

Premium hard side and compact soft-side carrying cases included.

MODEL	MAGNIFI-CATION	OBJECTIVE	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781550	15–45x	50	120/40@15x / 62/21@45x	3.3@15x / 1.1@45x	30 ft.	19.4 / 550	12.2 / 310	No	14mm
782065	20–60x	65	90/30@20x / 45/15@60x	3.25@20x / 1.1@60x	30 ft.	20 / 567	12.7 / 322	No	14mm

BIG ADVENTURES

USUALLY REQUIRE A DOWNSIZED PACK.

Our Sentry spotting scope is a tight little bundle of full-size brightness and clarity that will go hard and virtually anywhere. Its multi-coated optics give you great visual command of dawn and dusk conditions. And, every model is built for the long haul, with waterproof, rubber-armored housings. A premium spotting scope is one of the finer things you'll never have to go without.

FEATURES: 50mm objective lens for a clear, bright image | Multi-coated optics for increased light transmission | 100% waterproof | Rubber armor absorbs shock | Compact tripod for long-range viewing | Car window mount, scope glove and soft-side carrying case (model 789332 and 789332AP) | Hard-side carrying case (all models)

Our waterproof products are designed to be air tight, so moisture stays out – even when submerged in water.

WATER PROOF

SENTRY®

12–36x 50mm
789332 (green)

12–36x 50mm
789332AP (AP camo)

Designed specifically for hunting applications where compact optics are a necessity. Other features include rubber armor, tripod and versatile car window mount.

Premium hard-side and compact soft-side carrying cases included.

18–36x 50mm
781837 (camo)

18–36x 50mm
781836 (black)

Compact featuring a fully waterproof rubber armor and premium, hard-side case.

MODEL	MAGNIFICATION	OBJECTIVE	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781836	18–36x	50	115/38@18x / 75/25@36x	2.8@18x / 1.4@36x	20 ft.	31 / 877	14.7 / 373	N/A	16mm
781837	18–36x	50	115/38@18x / 75/25@36x	2.8@18x / 1.4@36x	20 ft.	31 / 877	14.7 / 373	N/A	16mm
789332	12–36x	50	140/46@12x / 65/21@36x	3.1@12x / 1.5@32x	12 ft.	21.5 / 600	8.7 / 221	N/A	14mm
789332AP	12–36x	50	140/46@12x / 65/21@36x	3.1@12x / 1.5@32x	12 ft.	21.5 / 600	8.7 / 221	N/A	14mm

SPORTVIEW®

AN OUTSTANDING VALUE
ANY WAY YOU CONFIGURE IT.

Don't be bashful. We propose you grab both versions of this one-two punch of Bushnell® quality and affordable pricing. Our Sportview series is offered in two different magnification ranges, 15–45x and 20–60x, to suit the needs of virtually any outdoor enthusiast. Both models come standard with crisp, clear fully coated optics, tripod and hard carrying case. And their rugged construction ensures long-term dependability. An impressive blend of value and performance times two.

FEATURES: Variable zoom eyepiece for great viewing range | Fully coated optics reduce glare and enhance picture clarity | Rugged construction | Compact tripod | Hard carrying case

15–45x 50mm
781545

A great mid- to high-power spotting scope for all-around use.

Premium hard case included.

20–60x 60mm
782061

Extra power and performance at the high end for extended-range viewing.

MODEL	MAGNIFICATION	OBJECTIVE	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	OTHER EYEPIECES AVAILABLE	EYE RELIEF
781545	15–45x	50	103/34@15x / 35/12@45x	4@15x / 1.3@45x	40 ft.	23.4 / 662	17.4 / 442	N/A	11mm
782061	20–60x	60	70/23@20x / 24/8@60x	3@20x / 1@60x	40 ft.	25 / 709	20.5 / 521	N/A	11mm

TRIPODS & ACCESSORIES

Advanced Titanium 784040

Three-position leg angle adjustment, three-way pan head, two pan and tilt handles and a gearless reversible center column. Bushnell® quality with moderate carrying weight, this is the ultimate stand-up tripod. Max height: 63"

Advanced Tripod 784030

This is a full-featured stand-up tripod for viewing from a platform, roadside or deck where portability is not essential. Max height: 60"

Mini Tripod 784406C

Compact tripod that's easily taken along anywhere and converts to a car window mount. Max height: 8"

Field Tripod 783001

Mid height, lightweight and easily set up in the field. Our best tripod for hunters and birders on the go. Max height: 36"

Shooters Stand 783011

Designed specifically for benchrest shooting and sighting in riflescopes. Solid, compact and easily adjustable for the optimum height. Max height: 12"

Binocular Tripod Adapter 161001CM

Mount any tripod-ready binocular to any standard tripod. Recommended for prolonged observation with any binocular of 10x or more.

Car Window Mount 784405

The traveling birder's secret. You'll see these mounts holding spotting scopes on car windows from Puget Sound to the Everglades.

Window Mount 784407C

Full size heavy-duty mount for larger scopes.

Universal Digiscoping Bracket 780002CM

Convenient accessory clamps onto the eyepiece of most spotting scopes, to attach a compact digital camera for "Digiscope" nature photography and scouting. The camera arm easily swivels aside to allow direct viewing.

SPOTTING SCOPES

TERMINOLOGY

SPOTTING SCOPE.

A high-powered, compact optical instrument used to view distant objects such as birds, wildlife, boats and landmarks, or by target shooters to verify accuracy.

Coated Optics

Coatings on lens surfaces reduce light loss and glare due to reflection, resulting in a brighter, higher-contrast image with reduced eyestrain. Bushnell® spotting scopes are coated with a microscopic layer of magnesium fluoride. More coating leads to better light transmission.

Types of lens coatings

Coated: A single layer on at least one lens surface.

Fully Coated: A single layer on all air-to-glass surfaces.

Multi-Coated: Multiple layers on at least one lens surface.

Fully Multi-Coated: Multiple layers on all air-to-glass surfaces.

Digiscoping

Long range photography of birds or wildlife with a digital camera mounted behind the eyepiece of a spotting scope, using an accessory bracket or camera adapter tube.

Exit Pupil

The exit pupil refers to the size of the column of light that exits a spotting scope. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power. Thus, a 15x 45 model has an exit pupil, or useable light, of 3mm (45/15 = 3).

Eye Relief

The distance a spotting scope can be held away from the eye and still present the full field of view. Extended or long eye relief reduces eyestrain and is ideal for eyeglass wearers.

Field Of View (F.O.V.)

Field of view is the side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 1,000 yards or meters. A wide field of view is better for following fast-moving action or scanning for wildlife. Generally, the higher the magnification, the narrower the field of view.

Magnification (Power)

Spotting scopes are often referred to by numbers separated by an "x". For example: 15–45x 60.
The first part is the power, or magnification, of the spotting scope. With a 15–45x 60 variable power spotting scope, the object being viewed appears to be 15–45 times closer than you would see it with the unaided eye.

Objective Lens Size

The number after the "x" in the formula: (15–45x 60) is the diameter (60mm) of the objective or front lens. The larger the objective lens, the more light that enters the spotting scope and the brighter the image.

Near or Close Focus

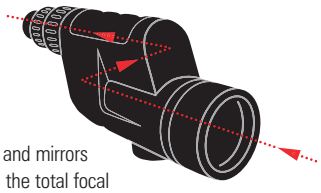
The closest distance you can be to an object and maintain visual clarity.

Prism Glass

Most optical prisms are made from borosilicate (BK-7) glass or barium crown (BaK-4) glass. BaK-4 is the higher-quality glass, yielding brighter images and high edge-to-edge sharpness.

Prism Systems

The prism system turns what would otherwise be an upside-down image right side up.

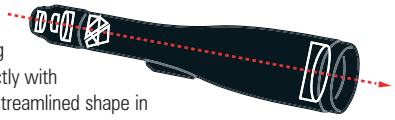


Folded Lightpath System

A combination optical configuration using lenses and mirrors to create a total scope length much shorter than the total focal length of the sytem. This provides the Excursion's compact design, that yields full-size or long focal length, spotting-scope performance.

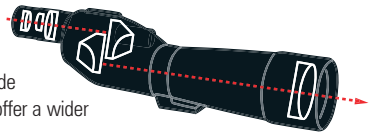
Roof-Prism System

The prism overlap closely, allowing the objective lenses to line up directly with the eyepiece. The result is a slim, streamlined shape in which the lenses and prisms that magnify and correct the image are in a straight line.



Porro-Prism System

The objective or front lens is offset from the eyepiece. Porro prisms provide excellent performance and generally offer a wider field of view.



Rainguard® HD

The new improved, patented, hydrophobic (water-repellent) coating on which condensation from rain, fog or snow forms in much smaller droplets than on standard coatings. Smaller droplets scatter less light, which results in increased light transmission and a clearer image.

Resolution

Resolution, or definition, is the ability of a spotting scope to distinguish fine detail and retain clarity.

Waterproof/Fogproof

Some scopes are sealed with O-rings and nitrogen purged for waterproof and fogproof protection. These models are able to withstand complete immersion and remain dry inside.

WATER PROOF